

Physics 7A Discussion/Lab (DL)

DL Instructor: Vincent Cheung, 393 Physics, hscheung@ucdavis.edu

Discussion/Lab (DL): Section AB01, MW 10:30-12:50, EPS 2319

DL Instructor Office Hours: T 12:00-1:00pm, EPS 2314

Lecture: Section A01, M 7:30-8:50am, ROS 66; Section B01, M 9-10:20am, ROS 66

1 Class Structure

The structure of the Physics 7 series is different from what you have seen in other science classes. Physics 7 is taught in a manner consistent with the research on best instructional practices. This means **you** are responsible for your own learning. I will work with the class to support and facilitate the learning, and we together as a class will work on solving physics problems. Physics is a unique science, since your success in this class will largely depend on your understanding rather than memorization of the material. Physics 7 is structured to help you get accustomed to this way of learning, which may be new for many of you. Whether you chose to be a scientist, doctor, or any other remarkable person you strive to be, you will realize that solving problems in your future professional lives will involve the type of skills you will learn in the DLs, rather than memorizing information from a textbook. I hope you will take advantage of this opportunity to get the most out of the course.

2 Attendance

Your attendance in DL is **mandatory**, as noted in the lecture syllabus. If you have more than one unexcused absence (without a make-up) you will receive a lower grade in DL. With four unexcused absences you will automatically fail the course. If you are late, please see me to make sure you are not marked absent. Two tardies is equivalent to an unexcused absence. If you are more than 15 minutes late you will be marked absent and should attend another DL.

3 Make Up DLs

If you are unable to attend a particular DL meeting (DLM) for some reason you may make up the DLM in another section. If you know ahead of time that you will be missing a DL you are required to let me know.

4 Rules

This is a class, we are all expected to learn and focus. We live in the information age where we feel the need to be constantly connected. Being free from internet access even for a few

hours can be refreshing. Please don't use your phones during class!

5 Groups

Your groups will be changed regularly throughout the quarter.

6 Expectations For each DL

In order to earn a PASS, I expect each of you to:

- Bring your completed homework (FNT), DL workbook, and calculator.
- Work with your group mates. Facilitate and include discussion from all members of your group both verbally and on the board.
- Keep focused on the topic at hand, and bring your peers to task as appropriate.
- Limit your conversation topics to the DL material.
- Present your group work clearly focusing on the relevant physics.
- Ask questions of your group mates, peers, and me, whenever you are unsure of anything.
- Show respect for your peers, giving them attention when they are presenting or answering a question.
- Speak up each class. What is important is your thoughtful participation, not always getting the right answer. It is much better to volunteer a wrong opinion, ask for clarification or reconciliation of ideas, rather than sitting quietly. Participation is a large part of your DL evaluation.
- Answer when called upon without deferring to others.
- Clean your table and the board at the end of the DL.